

Sheet 1 of 2

 Form PTO-1449		Docket No.:	Application No.
		50777-251099	09/820,973
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant:	Steve W. Braun
		Filing Date:	Group Art Unit March 29, 2001 2874

U.S. PATENT DOCUMENTS

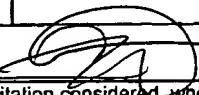
NON-US PATENT DOCUMENTS

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket No.:	Application No.
		50777-251099	09/820,973
		Applicant: Steve W. Braun	
		Filing Date: March 29, 2001	Group Art Unit 2874
OTHER MATERIAL			
<i>C</i>	"Cisco Wavelength Router Manager – Data Sheet, www.cisco.com/warp/public/cc/so/neso/olso/cwrm_ds.htm (04/25/01)		
<i>DV</i>	"Performance Management –Management of SONET Networks – White Paper," Clear Communications, <i>Sonet and Performance Management</i> , Issue 1, April 1996 (pp. 1-21).		
<i>ED</i>	Gallardo, et al., "Fast Simulation of Broadband Telecommunications Networks Carrying Long-Range Dependent Bursty Traffic," Preceedings of the 1999 Winter Simulation Conference , pp. 374-381 (Winter 1999).		
<i>EM</i>	Iannone, et al., "A 160-km transparent metro WDM ring network featuring cascaded erbium-doped waveguide amplifiers," published by Optical Society of America (2000)		
<i>EW</i>	Kempainen, "Optical Networking lightens carrier-backbone burden," <i>EDN</i> , pp. 63, 64, 65, 66, 68, 70, 72 (October 8, 1998)		
<i>EW</i>	Keyserling, A. and R.C.L., "Chapter 2: Number, Dimensions, Manderbrot, Chaos, 4 Attractors, Music and Color," www.chanceandchoice.com/ChanceandChoice/chapter2.html		
<i>EW</i>	Press Release entitled "Lucent Technologies announces record-breaking 320-channel optical networking system," (pp. 1-2) (April 17, 2000)		
<i>EW</i>	Technical Report CSRI-298 entitled "A New Binary Logarithmic Arbitration Method for Ethernet," by Mart L. Moelle of Computer Systems Research Institute, April 1994 (pp. 1-57)		
<i>EW</i>	Willinger, et al., "Self-Similarity Through High-Variability: Statistical Analysis of Ethernet LAN Traffic at the Source Level," pp. 1-31 (April 15, 1997).		
<i>EW</i>	WRL Research Report 88/4 entitled "Measured Capacity of an Ethernet: Myths and Reality" by David R. Boggs, et al., printed by Digital Western Research Laboratory, Palo Alto, California (September 1998) (pp. 1-31), originally published in <i>Proceedings of the SIGCOMM '88 Symposium on Communications Architectures and Protocols</i> , ACM SIGCOMM, Stanford, California, August 1988		
<i>EW</i>	Yamashita, et al., "Studies of a system gathering multi-channel visual signals using a single optical fiber and a bi-directional optical amplifier," <i>T>IEE Japan</i> , 119-C(12):1528-1534 (1999)		
Examiner: 		Date Considered: <i>1/29/03</i>	
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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO.: L6780/251099	SERIAL NO.:
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)			APPLICANT: Steve W. Braun	
			FILING DATE: 03/28/01	GROUP:

JC986 U.S. PTO
09/820973
03/29/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW	3,883,217	05/13/75	Love et al.			
SW	3,936,141	02/03/76	Milton			
SW	4,054,366	10/18/77	Barnoski et al.			
SW	4,166,946	09/04/79	Chown et al.			
SW	4,234,969	11/18/80	Singh			
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ZW	5,117,303	05/26/92	Desurvire et al.			
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<i>AS</i>	5,943,148	08/24/99	Hamel et al.			
<i>AS</i>	6,014,481	01/11/00	Kremers			
<i>AS</i>	6,122,095	09/19/00	Fatchi			8/28/97

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>AS</i>	Appn. 0 069 356 A2	01/12/83	EPO			✓
<i>AS</i>	Appn 0 105 753 A2	04/18/84	EPO			✓
<i>AS</i>	Appn 0 164 652 A2	12/18/85	EPO			✓
<i>AS</i>	Appn 0 231 635 A2	08/12/87	EPO			✓
<i>AS</i>	Appn 0 356 090 A2	02/28/90	EPO			✓
<i>AS</i>	Appn 0 739 103 A2	10/23/96	EPO			✓
<i>AS</i>	Appn 0 744 797 A1	11/27/96	EPO			✓
<i>AS</i>	Appn 0 905 936 A2	03/31/91	EPO			✓
<i>AS</i>	PUB EP000103873A2	03/28/94	EPO			✓
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<i>AS</i>	DE 3807072 A1	08/04/88	Germany			✓
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<i>AS</i>	2,087,679	05/26/82	U.K.			✓
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<i>AS</i>	WO 93/03406	02/18/93	WIPO			✓

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✓	N.A. Olsson, <i>Lightwave Systems With Optical Amplifiers</i> , Journal of Lightwave Technology 1071-1082 (July, 1989)			
✓	ITU-T Recommendation G.681, Series G: Transmission Systems and Media, Digital Systems and Networks; Functional characteristics of interoffice and long-haul systems using optical amplifiers, including optical multiplexing (10/96)			
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✓	Gordon Thomas, David A. Ackerman, Paul R. Prucnal, and S. Lance Cooper, <i>Physics In The Whirlwind of Optical Communications</i> , Physics Today 30-36 (Sept. 2000)			
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✓	3.0 IEEE Acronyms available at http://spacey.net/ldavis/Design_Ethernet_Note.html			
✓	Fibre Channel - Overview of the Technology, 09/09/2000, pp 1 - 9 available at http://fibrechannel.org/technology			
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✓	SOME Bus (Simultaneous Optical Multiprocessor Exchange Bus)(09/09/2000) available at http://eb.uah.edu/~cohen/some_bus/some_bus.html			
✓	Integrated Explorations of the Spectral, Temporal and Spatial Degrees of Freedom 1 (09/09/2000) available at http://thebusinessedge.com/reruns/cito/sargent/sld001.htm			
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		FILING DATE.	March 29, 2001	GROUP.	26287433		
U.S. PATENT DOCUMENTS							
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<i>EW</i>	3,887,876	06/03/75	Zeidler				
<i>EW</i>	3,943,358	03/09/76	Reymond et al.				
<i>EW</i>	4,435,849	03/06/84	Ilgner et al.				
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<i>EW</i>	GB 2 255 683 A	11/11/92	Great Britain				
<i>EW</i>	DE 30 07 958	09/17/81	German*			X	
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*For English version see related Great Britain Application No. 2 073 877 A



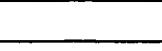
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U.S. PATENT DOCUMENTS

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Application Number	09/820,973
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First Named Inventor	Braun
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Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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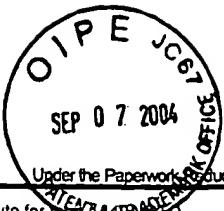
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EW		International Search Report in related Application No. PCT/US03/30326	
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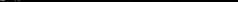
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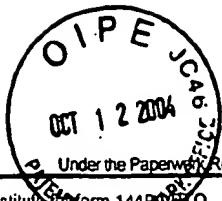
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Group Art Unit	2874
Examiner Name	Sanghavi, HEMANG
Attorney Docket Number	50777/251099

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		Examiner Name	Sanghavi, HEMANG
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Sheet	1	of	1

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Examiner Signature

Date Considered

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
SR		0 899 161 A1	03/03/1999	Europe		Abstract
CR		0 350 720 A2 and A3	01/17/2001	Europe		Abstract
DR		0 414 333 A2 and A3	02/27/1991	Europe		
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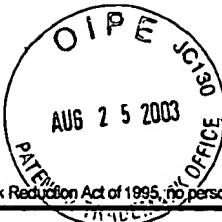
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/820,973
		Filing Date	March 29, 2001
		First Named Inventor	Steve W. Braun
		Group Art Unit	2874
		Examiner Name	
Sheet	2	2	Attorney Docket Number
51400-1			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	1/2005
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Sheet 1 of 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket No.: 50777-251099		Application No. 09/820,973			
	Applicant: Steve W. Braun					
	Filing Date: March 29, 2001		Group Art Unit 2874			
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Translation
NON-U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
OTHER MATERIAL						
<i>DR</i>	Koopman and Upender, "Time Division Multiple Access Without a Bus Master," United Technologies Research Center Report RR-9500470 (June 1995)					
Examiner:	Date Considered: <i>1/2005</i>					
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Form PTO-1449	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 50777/250037	SERIAL NO.: 09/924,037
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: Whittaker, et al.	
		FILING DATE: August 7, 2001	GROUP: 2633

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: <i>[Signature]</i>	DATE CONSIDERED: <i>2/2005</i>
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